Miwayer HB-40

Miwayer HB-40 2.4GHz Wireless Guitar System User Manual

Model: HB-40 | Brand: Miwayer

Introduction

The Miwayer HB-40 2.4GHz Wireless Guitar System provides a cable-free solution for electric guitar, bass, violin, keyboard, and other instrument players. This system includes a rechargeable wireless transmitter and receiver, designed to offer freedom of movement without being tethered to an amplifier or mixer. The 2.4GHz frequency band ensures a stable and interference-free connection up to 100 feet (30 meters). Its compact design and integrated rechargeable battery make it suitable for various applications, including live performances, studio sessions, and practice environments.

Product Features

- **2.4GHz Wireless System:** Designed for guitar, bass, violin, keyboard, and other instruments.
- **Rechargeable Battery:** Equipped with a built-in lithium battery for extended playtime.
- **Plug and Play Operation:** Simple setup; connect the transmitter to your instrument and the receiver to an amplifier or speaker.
- **Long Operating Range:** Maintains a stable connection up to 100 feet (30 meters) for cable-free performance.
- **Versatile Compatibility:** Works with a wide range of electronic musical instruments.

Package Contents

- 1x Miwayer HB-40 Wireless Transmitter
- 1x Miwayer HB-40 Wireless Receiver
- 1x USB Charging Cable
- 1x User Manual

Product Overview

The Miwayer HB-40 system consists of two main units: a transmitter and a receiver. Both units feature a 1/4-inch (6.35mm) rotatable plug for direct connection to instruments and amplifiers. They are equipped with power buttons, charging ports, and indicator lights.



Figure 1: Miwayer HB-40 Wireless Guitar System, showing both transmitter and receiver units with their 1/4-inch plugs folded. The transmitter is labeled 'TRANSMITTER' and features a guitar icon, while the receiver is labeled 'RECEIVER' and features a speaker icon. Both units have blue 'eye' indicator lights.



Figure 2: Miwayer HB-40 Wireless Guitar System, illustrating both the transmitter and receiver units with their 1/4-inch plugs extended, ready for connection. This view highlights the flexibility of the rotatable plugs.

Component Identification:

- **1/4-inch (6.35mm) Plug:** Connects to instrument (transmitter) or amplifier/mixer (receiver). Rotates for convenience.
- **Power Button:** Turns the unit on or off.
- **USB Charging Port:** For recharging the internal lithium battery.
- **Indicator Lights (Eyes):** Display power status, charging status (red when charging), and pairing status (blinking when unpaired).

Setup Instructions

1. Initial Charging

Before first use, fully charge both the transmitter and receiver units. Use the provided USB charging cable to connect each unit to a standard USB power adapter (not included) or a computer USB port. The indicator lights will glow red during charging and turn off or change color (depending on model) when fully charged. A full charge typically takes about two hours.

2. Powering On

Press and hold the power button on both the transmitter and receiver units for a few seconds until the indicator lights illuminate.

3. Pairing (Automatic)

The Miwayer HB-40 system is designed for automatic pairing. Once both units are powered on, they should automatically connect within a few seconds. The indicator lights will stop blinking and remain solid blue (or similar color) to confirm a successful connection.

4. Connecting to Instruments and Amplifiers

- **Transmitter:** Plug the 1/4-inch jack of the transmitter directly into your instrument's output jack (e.g., electric guitar, bass, violin pickup, keyboard output). Adjust the rotatable plug for optimal fit and comfort.
- **Receiver:** Plug the 1/4-inch jack of the receiver directly into the input jack of your amplifier, mixer, or audio interface.



Figure 3: The Miwayer HB-40 Receiver unit with its 1/4-inch plug extended, demonstrating how it would connect to an amplifier or other audio input device. The unit's blue 'eye' indicator lights are visible.

Operating Instructions

1. Volume Adjustment

The Miwayer HB-40 system may provide a boosted signal output. It is recommended to start with your instrument's volume knob and amplifier's gain/volume settings at a lower level and gradually increase them to achieve the desired sound without unwanted distortion. This allows for fine-tuning the signal to prevent overdriving your amplifier's input.

2. Range and Performance

The system operates reliably up to 100 feet (30 meters) in open line-of-sight conditions. Performance may vary depending on environmental factors such as walls, obstacles, and other 2.4GHz wireless devices (Wi-Fi routers, Bluetooth devices) which can cause interference. For optimal performance, maintain a clear line of sight between the transmitter and receiver whenever possible.

3. Powering Off

After use, press and hold the power button on both the transmitter and receiver units until the indicator lights turn off. This conserves battery life.

Maintenance

Cleaning

Wipe the units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the finish or internal components.

Storage

Store the wireless system in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the batteries are partially charged (around 50%) to prolong their lifespan, and recharge them every few months.

Battery Care

The HB-40 uses an integrated lithium battery. Avoid fully discharging the battery frequently, as this can reduce its overall lifespan. Charge the units when the low battery indicator appears or when performance degrades.

Troubleshooting

Problem	Possible Cause	Solution
No sound output	Units not powered on; Units not paired; Low battery; Incorrect connection; Amplifier/instrument volume too low.	Ensure both units are powered on and indicator lights are solid. Recharge units if battery is low. Verify transmitter is in instrument and receiver in amplifier. Check all volume settings.
Intermittent signal/Dropouts	Out of range; Obstacles blocking signal; Interference from other 2.4GHz devices; Low battery.	Move closer to the receiver. Ensure clear line of sight. Move away from Wi-Fi routers or other wireless devices. Recharge units.
Sound is distorted/Too loud	High input gain from the wireless system; Instrument volume too high; Amplifier gain/volume too high.	Reduce the volume on your instrument. Lower the gain or volume settings on your amplifier. The system has a built-in gain, so adjust external volumes accordingly.

Problem	Possible Cause	Solution
High-pitched whine/Noise	Electrical interference; Orientation of receiver; Ground loop.	Try rotating the receiver unit in the amplifier jack to find an optimal position. Ensure all equipment is properly grounded. Test in a different environment to rule out external interference.
Units not charging	Faulty USB cable; Faulty power adapter; Damaged charging port.	Try a different USB cable and power adapter. Ensure the charging port is clean and free of debris.

Specifications

- **Brand:** Miwayer
- **Model Name:** HB-40
- **Color:** Black
- **Compatible Devices:** Electric Guitar, Bass, Violin, Keyboard, and other instruments with 1/4-inch output.
- **Material:** Plastic
- **Item Weight:** 0.18 Kilograms (approx. 0.4 lbs)
- **Power Source:** Battery Powered (Rechargeable Lithium Battery)
- **Connector Type:** 1/4-inch (6.35mm) Jack
- **Wireless Frequency:** 2.4GHz
- **Operating Range:** Up to 100 feet (30 meters)

Warranty Information

The Miwayer HB-40 Wireless Guitar System comes with a **Two-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Miwayer customer support. Refer to the product packaging or the official Miwayer website for the most current contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question